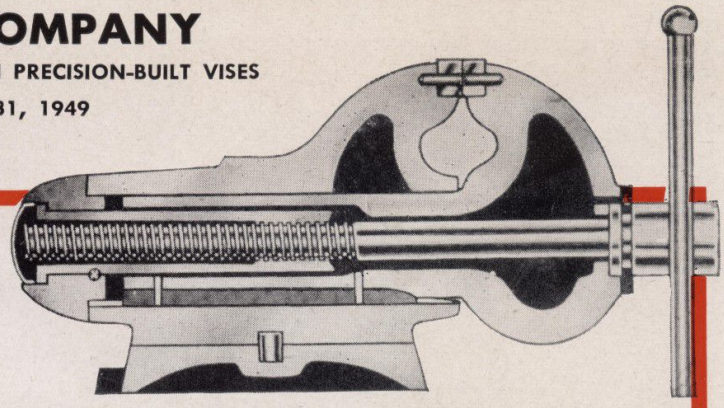
WILTON TOOL MFG. COMPANY

DESCRIPTIVE CATALOG SHEET NO. 218 FOR WILTON PRECISION-BUILT VISES

WITH RESALE PRICES — JANUARY 31, 1949



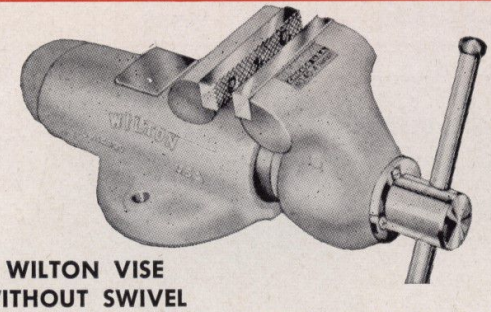
CHECK THESE ADVANTAGES
WHY IT PAYS TO SELL . . .

WILTON* PRECISION-BUILT VISES

1. Fine threaded spindle accurately fitted in a horizontally anchored, unbreakable malleable nut (see cross section drawing). This creates an even, central pull, eliminates dead motion and unnatural strain on the nut. Thread is never exposed.
2. Steel key at base of main body guides movable head in a precisely broached keyway machined to .002" tolerance thus minimizing wear and preventing side twist, regardless of pressure exerted.
3. Main body parts bored and reamed to close tolerances and entirely enclosed to prevent entry of chips and dust.
4. Vibration-proof due to hollow design; ideal for tool shop and assembly work.
5. Practically indestructible. . . . The head and nut are made of a malleable casting of approximately 54,000 lb. tensile strength per square inch. All other parts are made of semi-steel castings of approximately 40,000 lbs. tensile strength per square inch.
6. Interchangeable and reversible jaws—standard jaws furnished are made of high grade speed-treat steel with diamond serrations. Smooth surface ground jaws of soft or hard steel, brass, copper or plastic, optional. Standard steel jaws are .045" to .060" case carburized and hardened and tested for 54-58C Rockwell hardness. Jaws are supported by hardened pins.
7. **AFTER HARDENING ALL JAWS ARE SURFACE GROUND BEFORE ASSEMBLY.**
8. Greater Holding Power because of the distance of the flange on the nut from the thrust head and the fine threaded spindle.
9. Five Year Guarantee covering workmanship and material. Defective vises will be repaired or exchanged gratis within said period, unless wrecked through abuse. All freight charges on returned goods must be paid by customer.

IMPORTANT NOTICE TO DEALERS

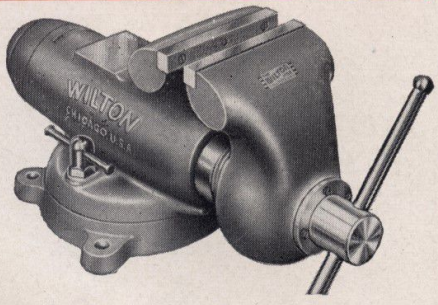
10. Swivel type can be converted into stationary vise by removing the swivel base. No need for dealers to carry double stock.



WILTON VISE WITHOUT SWIVEL

WILTON VISE WITH SWIVEL BASE

Two high cap nuts with slide bar used for locking of swivel.



SIZES AND PRICES FOR WILTON PRECISION-BUILT MACHINIST BENCH VISES†

Most Types Conform with Federal Specification GGG-V-436 as Required by U. S. Armed Forces.

Width of Jaws	Max. Opening	Depth of Throat	Diam. of Spindle	Cat. No. without Swivel	Shpg. Wgt. without Swivel	List Price Without Swivel	Net Resale at - 24%	Cat. No. with Swivel	Shpg. Wgt. with Swivel	List Price with Swivel	Net Resale at - 24%
2"	2¼"	1½"	⅜"	**20N**	4½ lbs.	**$12.96**	**$ 9.85**	**20S**	5 lbs.	**$14.73**	**$11.20**
2½"	3"	2"	½"	**25N**	11 lbs.	**15.06**	**11.45**	**25S**	13 lbs.	**19.47**	**14.80**
3"	4"	2 3/16"	⅝"	**30N**	20 lbs.	**20.00**	**15.20**	**30S**	24 lbs.	**26.00**	**19.76**
3½"	5¼"	2⅝"	¾"	**35N**	35 lbs.	**22.50**	**17.10**	**35S**	40 lbs.	**30.00**	**22.80**
4"	5¼"	2⅝"	¾"	**40N**	37 lbs.	**24.00**	**18.24**	**40S**	42 lbs.	**32.00**	**24.32**
4" H.D.	7"	3"	⅞"	**400N**	47 lbs.	**25.50**	**19.38**	**400S**	54 lbs.	**34.00**	**25.84**
4½"	5¼"	2⅝"	¾"	**45N**	39 lbs.	**28.50**	**21.66**	**45S**	43 lbs.	**37.00**	**28.12**
4½" H.D.	8"	3⅞"	⅞"	**450N**	57 lbs.	**31.00**	**23.56**	**450S**	64 lbs.	**40.00**	**30.40**
5"	8"	3⅞"	⅞"	**50N**	60 lbs.	**40.00**	**30.40**	**50S**	66 lbs.	**60.00**	**45.60**
6"	9"	4 5/16"	1"	**60N**	115 lbs.	**78.00**	**59.28**	**60S**	127 lbs.	**104.00**	**79.04**

Unless otherwise specified all vises are furnished with standard diamond serrated jaws. No special charge for vises with smooth, precisely ground steel jaws, soft or hardened or with plastic jaws. Prices of extra swivel bases consist of the difference between the Types "S" and "N" in above column.

EXTRA JAWS AVAILABLE FOR WILTON PRECISION VISES

Jaw Width	2"	2½"	3"	3½"	4"	4½"	4½"	5"	6"
For Vises Catalog No.	20	25	30	35	40,400	45,450	C-1	50	60
†Steel, smooth, precisely ground soft or hard or serrated. Per pair net resale	**$1.93**	**$2.11**	**$2.22**	**$3.04**	**$3.33**	**$3.86**	**$5.97**	**$5.15**	**$6.44**
Brass or copper, smooth, pair net resale	**2.34**	**2.46**	**2.57**	**3.51**	**3.63**	**4.27**	**7.02**	**6.44**	**7.55**
Plastic Jaws, smooth, best for toolmakers, etc. Per pair net resale	.....	.....	.....	**2.57**	**2.81**	**3.28**	.....	**3.74**	.....

†Unless otherwise specified, orders are filled with hard serrated steel jaws.

*REG. U. S. PAT. OFF. U. S. DESIGN PATENT NO. 131498

The WILTON Precision-Built Combination PIPE and BENCH VISE

AN IDEAL HEAVY DUTY TOOL for CLAMPING PIPE, BAR STOCK, GENERATORS & ARMATURES

5 YEAR GUARANTEE

The same general features of construction found in Wilton Bench Vises are incorporated in Wilton Combination Pipe and Bench Vises. All moving parts are accurately made with working tolerances as close as .002". Swivel action is smooth.

The precisely threaded steel spindle moves with ease in the horizontally centered nut, yet exerts powerful clamping action against work in vise.

The pipe jaws are individually milled, sharp and firm gripping. They are made of deep case hardened speed-treat steel.

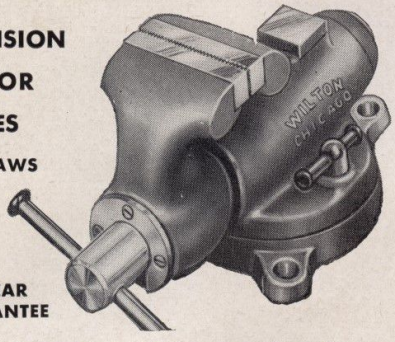
THESE VISES CONFORM WITH TYPE IV OF FEDERAL SPECIFICATIONS GGG-V-436a.

Width of Jaws	Pipe Capacity	Maximum Opening	Diameter of Spindle	Cat. No. With Swivel	Approximate Weight With Swivel	List Price With Swivel	Net Resale at -24%	Cat. No. Without Swivel	List Price Without Swivel	Net Resale at - 24%
3½"	⅛-2½"	4¼"	¾"	**C-0**	47 lbs.	**$35.00**	**$26.60**	**CN-0**	**$32.00**	**$24.80**
4½"	⅛-3½"	5¾"	⅞"	**C-1**	68 lbs.	**48.00**	**36.48**	**CN-1**	**43.00**	**33.00**
5"	⅛-4½"	6½"	1"	**C-2**	110 lbs.	**76.00**	**57.76**	**CN-2**	**70.00**	**53.20**

Description	3½" Vise	4½" Vise	5" Vise
EXTRA JAWS, diamond serrated steel, per pair net resale..	**$4.10**	**$5.97**	**$6.22**
BRASS OR COPPER—SMOOTH, per pair net resale.....	**6.05**	**7.02**	**7.35**
EXTRA PIPE JAWS, with 4 hard pins. per pair, net resale.	**6.30**	**8.19**	**9.10**

WILTON PRECISION JEWELERS OR RADIO VISES

2" WIDTH OF JAWS



5 YEAR GUARANTEE

Available either with ground on anvil space or with a surface-ground and hardened STEEL ANVIL insert as illustrated. This is a unique tool, small but powerful. Recommended for fine intricate jobs where precision is essential.

SPECIFICATIONS: 2" WIDTH OF JAWS
⅜" DIAM. 10 PITCH MODIF. ACME SPINDLE
2¼" MAX. USABLE OPENING
1½" DEPTH OF THROAT

Catalog No.		Weight Lbs.	List Price	Net Resale at - 24%
20N	Stationary Type Ground-on anvil space.....	4¼	**$12.96**	**$ 9.85**
20S	Swivel Type, Ground-on Anvil Space.....	4½	**14.73**	**11.20**
20NA	Stationary Type with Steel Anvil Insert.....	4½	**15.60**	**11.85**
20SA	Swivel Type with Steel Anvil Insert.....	4¾	**17.37**	**13.20**

WILTON VISES WITH CLAMP BASE

5 YEAR GUARANTEE

These clamp bases are made of malleable iron, lathe turned, perfectly centered and provided with a precision threaded spindle and two positive locking nuts.

Catalog No.		Weight Lbs.	List Price	Net Resale at - 24%
20C	2" with ground-on anvil (as pictured)	5½	**$16.96**	**$12.89**
20CA	2" with steel anvil insert	5¾	**19.60**	**14.89**
25C	2½" as above pictured.	15	**21.06**	**16.00**
20CB	Clamp Base Extra for Wilton 2" Vises....	1½	**4.00**	**3.04**
25CB	Clamp Base Extra for Wilton 2½" Vises..	4½	**6.00**	**4.56**

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Codes: Bentley's Second Phrase A B C Fifth Edition Lieber's Standard.